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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	10/749,293
		Filing Date	December 30, 2003
		First Named Inventor	Xintian E. Lin
		Art Unit	2661
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	42P17464

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> -6 cited references -Return postcard -PCF ISR. WB </div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

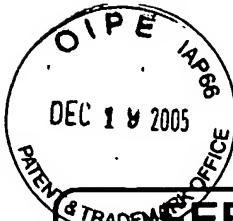
Firm or Individual name	Gregory D. Caldwell, Reg. No. 39,926 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 12, 2005

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or printed name	Katherine Jennings		
Signature		Date	December 12, 2005

Based on PTO/SB/21 (09-04) as modified by Blakey, Sokoloff, Taylor & Zafman (wir) 11/30/2005.
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DEC 18 2005

PATENT & TRADEMARK OFFICE

FEET TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT **(\$)**

Complete if Known

Application Number	10/749,293
Filing Date	December 30, 2003
First Named Inventor	Xintian E. Lin
Examiner Name	
Art Unit	2661
Attorney Docket No.	42P17464

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
 under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

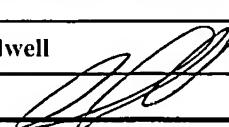
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051		2051		Surcharge - late filing fee or oath	
1052		2052		Surcharge - late provisional filing fee or cover sheet.	
2053		2053		Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807		1807		Processing fee under 37 CFR 1.17(q)	
1806		1806		Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

SUBTOTAL (2) **(\$)**

Complete (if applicable)

Name (Print/Type)	Gregory D. Caldwell	Registration No. (Attorney/Agent)	39,926	Telephone	(503) 439-8778
Signature				Date	12/12/05

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wlr) 12/15/2004.
 SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Docket No.: 42P17464

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

XINTIAN E. LIN, ET AL.

Application No.: 10/749,293

Filed: December 30, 2003

For: **FILLING THE SPACE-TIME CHANNELS IN
SDMA**

Art Group: 2661

Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The references were cited in a Search Report dated November 16, 2005 (copy enclosed herewith) in a counterpart PCT application.

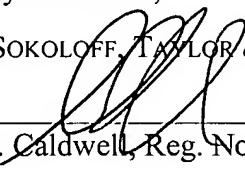
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: December 12, 2005



Gregory D. Caldwell, Reg. No. 39,926

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Telephone: (503) 439-8778

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Katherine Jennings

12-12-05

Date



<p>DEMADE substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>10/749,293</td> </tr> <tr> <td>Filing Date</td> <td>December 30, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Xintian E. Lin</td> </tr> <tr> <td>Art Unit</td> <td>2661</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>42P17464</td> </tr> </table>		Application Number	10/749,293	Filing Date	December 30, 2003	First Named Inventor	Xintian E. Lin	Art Unit	2661	Examiner Name		Attorney Docket Number	42P17464
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Attorney Docket Number	42P17464																
Sheet	1	of	2														

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional)²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document.⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

2

of

2

Complete if Known

Application Number	10/749,293
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First Named Inventor	Xintian E. Lin
Art Unit	2661
Examiner Name	
Attorney Docket Number	42P17464

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	JACOB et al: MAC Protocol Enhancements and a Distributed Scheduler for QoS Guarantees over the IEEE 802.11 Wireless LANs. 2002 IEEE 56th Vehicular Tech Conf Proceedings. Vancouver, Canada, Sept. 24-28, 2002, Vol. 1 of 4 XP010608866	
	6	MANGOLD: 802.11a/e and HiperLAN/2: Coexistence and Interworking Using Enhanced PCF. European Telecommunications Standards Institute, 1-29-2001, pages 1-11, XP002347265	
	7	Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications (ISO/IEC 8802-11: 1999). ISO/IEC 8802-11 ANSI/IEEE STD 802.11, 1999, XP002347266	
	8	SHEU et al: Providing Multiple Data RAtes in Infrastructure Wireless Networks. Globecom'01, 2001 IEEE Global Telecommunications Conf. San Antonio, TX Nov. 25-29, 2001 Vol. 3 of 6 XP001054904	
	9	PCT ISR & WO dated 11-16-2005	

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